## Appendix A

B	_	IG L	OCATI	ON		on Log					<del>                                     </del>	Jenks Consultants
L		J	Build COM	ing 1		<del>-</del>	DRILLER				Boring/Well Name TM	W-1
L		1	West	Hazma	t		R	uben Lares			Project NameBoei	ing C-6
)L			CME	OD (S) 75, Ho	llow S	tem Auger (LAR)	DRILL BIT 8'	·				006.00
B	LAN	K CA	SING	/C Sch			FROM	то +1	61	FT	ELEVATION Not Surveyed	TOTAL DEPTH 86 ft.
P	BRFC	RAT	LED CY	ASING			FROM	TO		FT	DATE STARTED	DATE COMPLETED
S	ZE A	ND.	TYPE	OF FILTE	R PACK		FROM	61 TO	81	FT	6/28/98 DEPTH TO WATER	6/28/98
S	BAL	<u>]</u>	Lone	star 2/1	2 San	<u>d</u>	FROM	59 TO	86	FT	66.0 ft.	
ē	ROU	T ]	Envi	oplug l	Mediu	m Bentonite Chips	FROM	56 TO	59	FT	M. Balderman SAMPLING METHODS	WELL COMPLETION
Ĺ			No G	rout (T	empo	rary Well)					2" Split Barrel Sampler,	SURFACE HOUSING NONE
L											140 lb. Hammer	STAND PIPE FT
	Recovered	Collected	Blows Per 6**	Head Space Reading (mg/L)	Depth (feet)	WELL CONSTRUCTION	 И	Graphic U: Log L	SCS Munse Color	ell r	SOIL DESCRIPTION A	ND DRILLING REMARKS
3	2	Ť		I WILL							Concrete, 8"	
×	8		9 12 15									-
8	<b>X</b>		14	0.2					L 7.5YR	2 /2	Fine ConducCLAV. de delener	
Š	XXX	***	14 21 12 17						L 7.5YR	(3/3	with CaCO3	damp, medium stiff to stiff, mottled
<b>X</b>	***	XXX	17 18	0.8	5-			<i> </i>	,	2 12	-	/40 1 11 12
								-           c	L 7.5YR	3/3	hard nodules of carbonate up to 1	/4", damp, medium stiff
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8			18 37	0.9	10-			- <i>      </i>	L 7.5YR	4/4	Silty CLAY: brown, trace of fine	sand, damp, stiff
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×			9 30 32	1.0	20]			SI	M 7.5YR	4/4	Fine Silty SAND: brown, 60% sa -	nd, trace of fine mica, damp, dense
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r	-	-				ion Log	T			Rennedy/Jenks Consultants
<b> </b> -	T	MPL	EZS_		,					Boring/Well Name TMW-1
	vered	octed	8.	ت. قوم	Depth (fcet)	WELL CONSTRUCTION	Graphic Log	USCS Log	Munsell Color	Project Name Boeing C-6
)	2g	Colle	Blov	Head Space Reading (mg/L)	-35-		Log	Log	Color	Project Number984006.00
- 88888		<b>**</b>	11 38 40		40 -	No Grout		SM	7.5YR 5/3	Fine Silty SAND: brown, 80% sand, trace of fine mica, damp, dense
-	***		O	-	45 -	Blank Casing				- - - - -
		<b>₩</b>	8 40 45	2.0	55 -			SM	7.5YR 4/2	brown, 65% sand, minor clay, very dense
					60 -	Bentonite Seal  Sand Filter  Screened Casing				
		***	22 43 50 21 37 50	3.9	70 -	Depth to Water		SM/ SP &CI	7.5YR 4/2	interbedded with fine sand, moist - water at 66 feet - interbedded with fine sandy clay -
); ;					75 -	Bottom of Screen				
L					-					

	Recovered	T		Head Space Reading (mg/L)	Depth (feet)	WELL CONSTRUCTION		Graphic Log	USCS Log		Boring/Well Name TMW-1 Project Name Boeing C-6
Drives	Recovered	Collected	Blows per 6"	Head Space Reading (mg/L)	Depth (feet)	WELL CONSTRUCTION		Graphic	11800		Roging C-6
) ************************************	Reco	Coll	Blov per 6	Head Space Read (mg/	-80 -				1000	Munsell Color	<u> </u>
									LAUE	Color	Project Number 984006.00 Fine Silty SAND (continued)
					. 7						Fine Silty SAND (continued)
					_	Bottom of Screen					
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		- 1			_	31,315 31,315	:				
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											Boring Terminated at 86 feet.
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L			OCATIO Buildi	ng 1			<b></b>					Boring/Well Name TMY	V-2
D	RILI	JING	COMPA	ANY Hazma	 t		DRILLE	R <b>Tra</b>	cv				1g C-6
) D	RILI	JNG	METH	OD (S)		4 A	DRILL E	BIT (S	SIZE			Project Number 9840	
/ <sub>B</sub>	LAN	K CA	SING			tem Auger	FROM	8"		o	FT	ELEVATION	TOTAL DEPTH
P	erfo	ORAT	ED CA	C Scho	edule 4	40	FROM		<u>1</u>	o'	62 FT	Not Surveyed DATE STARTED	87 ft. DATE COMPLETED
S	Z.R. /	AND T	PVPRC	C Sche	edule	40, 0.010" slot	FROM	6	2	0	82 FT	6/28/98 DEPTH TO WATER	6/28/98
•	BAL	ĭ		tar 2/1			FROM	5	7	0	87	67.0 ft.	
		)	Envir	oplug N	<b>1</b> ediu	m Bentonite Chips		5	1		FT 57	J. Knight SAMPLING METHODS	
Ġ	ROL		Vo Gr	out (T	emnoi	rary Well)	FROM	•	Т	Ö	FT	1	WELL COMPLETION  SURFACE HOUSING NONE
Г				341(1	·p.g.	,,						2" Split Barrel Sampler, 140 lb. Hammer	STAND PIPE FT
F	T	SAN	APLES		D1		<u> </u>		Ī	T			
	1 2	Collected	ows r 6"	Head Space Reading (mg/L)	Depth (feet)	WELL CONSTRUCTION	М	1	Graphic Log	USCS Log	Munsell Color	SOIL DESCRIPTION AN	ID DRILLING REMARKS
-	1 4	3	<u>20 8.</u>	<u> </u>		<del></del>	$\top$	İΤ	XXX			Concrete, 6"	·····
-	XXX	XXX								CL	2.5Y 4/4	Silty CLAY: olive brown, slightly	moist, stiff
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8	<b>XX</b>	***			5				111111	ML	10YR 4/6	Clayey SILT: dark yellowish brow	n, slightly moist, stiff
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8	388		17	100	10-						2.5Y 4/4	olive brown, hard	]
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XXX	▓		10 13 30	104	20-				-		2.5Y 5/4	decreasing clay, very stiff	•
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Some fine sand, and some thin sand lenses, very stiff   Some state   Some fine sand, and some thin sand lenses, very stiff   Some state   Some fine sand, and some thin sand lenses, very stiff   Some state   Some fine sand, and some thin sand lenses, very stiff   Some state   Some fine sand, and some thin sand lenses, very stiff   Some state   Some fine sand, and some thin sand lenses, very stiff   Some state   Some fine sand, and some thin sand lenses, very stiff   Some state   Some fine sand, and some thin sand lenses, very stiff   Some state   Some fine sand, and some thin sand lenses, very stiff   Some state   Some s	Kennedy/Jenks Consultants	Ke				on Log	uct	nstr	Co	ll (	Ve	V	
Clayery SILT (continued)  Some fine sand, and some thin sand lenses, very stiff change noted by driller at 43'  Blank Casing  Blank Casing  SM 2.5Y 5/6 Silty SAND: light olive brown, fine, slightly moist, or change noted by driller at 58'  change noted by driller at 58'  Sand Filter  Sand Filter  Screened Casing  SCreened Casing  SM 2.5Y 5/6 Sandy SILT: light olive brown, fine, moist, hard increasing sand  very moist, hard, some clayery lenses  water at 67' Silty SAND: olive brown, fine, wet, with lenses of cl	me <u>Boeing C-6</u> mber <u>984006.00</u>	Project Name Project Number	Munsell Color	USCS Log	Graphic Log	WELL CONSTRUCTION	Depth (feet)	Head Space Reading (mg/L)		П	Τ	Driven	)
Blank Casing  SM 2.5Y 5/6 Silty SAND: light olive brown, fine, slightly moist, of change noted by driller at 58'  Sand Filter  Sand Filter  Screened Casing  Screened Casing  Depth to Water  Sum 2.5Y 4/3 Silty SAND: olive brown, fine, wet, with lenses of cl	nd, and some thin sand lenses, very stiff	- - - some fine sand, and					-	183	5 15 17			-	
change noted by driller at 58'  change noted by driller at 58'  Sandy SILT: light olive brown, fine, moist, hard  Screened Casing  Screened Casing  Depth to Water  SM 2.5Y 4/3 water at 67' Silty SAND: olive brown, fine, wet, with lenses of cl		-	2.5Y 5/6	SM		Blank Casing	50 -	354	17 25 32	×			
Depth to Water  Solution Server at 67' Silty SAND: olive brown, fine, wet, with lenses of cl		-	2.5Y 5/6	ML		Sand Filter	-		18 50 50 50 50				
	ard, some clayey lenses	- - very moist, hard, so					65 -	2025	20 23 30			-	
	olive brown, fine, wet, with lenses of clayey silt	water at 67' Silty SAND: olive t	2.5Y 4/3	SM			-		50				

Bottom of Screen \_

Well Construction Log

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į	Ş	Colleg	Blow per 6"	Head Space Reading (mg/L)	-80 <b>-</b>	WEELCONSTRUCTION	Log	Log	Color	Project Number <u>984006.00</u>
T										Silty CLAY (continued)
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L		E	OCATI Build	ing 2, P	atio 1	1 West						Boring/Well Name TM	W-3
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) [	RILL	ING	метн	OD (S)		tem Auger (LAR)	DRILL B	IT (S) SIZ 8"	E			1 *	06.00
ĺ	LAN	K CA	SING				FROM		TO	)	FT	BLEVATION	TOTAL DEPTH
P	ERFO	RAT	BD CA	'C Sche sing	edule 4	40	FROM	+0.5	TO	)	62.5	Not Surveyed DATE STARTED	87 ft. DATE COMPLETED
s	IZE A	ND 1	YPE C	C Sche	e <mark>dule</mark> (	40, 0.010" slot	FROM	62.5	TO		82.5 FT	7/21/98 DEPTH TO WATER	7/21/98
ı	BAL			tar 2/1			FROM	60	TC		85.6 FT	67 ft.	
1		I	Envir	oplug l	Mediu	m Bentonite Chips	ł	60			58	M. Balderman	
G	ROU		to G	rout (T	empoi	rary Well)	FROM		TO	)	FT	SAMPLING METHODS	WELL COMPLETION  SURFACE HOUSING NONE
					_							2" Split Barrel Sampler, 140 lb. Hammer	STAND PIPE FT
F	79	SAM	IPLES		Depth					Hada			
L	Recover	ollecte	Blows per 6"	Head Space Reading (mg/L)	Depth (feet)	WELL CONSTRUCTION	)N	, [	raphic Log	USCS Log	Munsell Color	SOIL DESCRIPTION AT	ND DRILLING REMARKS
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Ş	×		6		_					CL	2.5YR 3/1	Silty CLAY: dark reddish gray, m	ninor fine sand, damp, medium stiff
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-	s/	AMPL	ES	· · · · ·						Boring/Well Name TMW-3
	1	jë Pg		80	Depth (feet)	WELL CONSTRUCTION	Graphic	Usca	Munsell	Project Name Boeing C-6
Driven	Recov	Collec	Blows per 6"	Head Space Reading (mg/L)	(1001) -35-	WELL CONSTRUCTION	Graphic Log	USCS Log	Munsell Color	Project Number 984006.00
- - - - - - -		***	12 24 30	17.5	-	No Grout		SM	10YR 6/2	Fine Silty SAND (continued)  light brownish gray, 75% sand, damp, dense
			24 21 30	6.3	45 -	Blank Casing		CM	10YR 5/4	
			30	0.3	55 -			SM	10 Y K 3/4	yellowish brown, 70% sand, trace of fine mica, damp, dense
-			. 12		60 -	Sand Filter  Screened Casing				
		***	12 28 50 14 25 50	7.2	70 -	Depth to Water		CL	5GY 6/1	Silty CLAY: greenish gray, minor fine sand, moist, very stiff  water at 67'
);					75 -					sandy
					80 -					-

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ŀ	ı	AMPL	ES							Boring/Well Name TMW-3
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۱	Drives 1	Collect	Blows per 6"	Head Space Reading (mg/L)	Depth (feet)	WELL CONSTRUCTION	Graphic Log	Log	Munseli Color	Project Number
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Ď	RILL	ING	COMP			I East	DRILLBR			**************************************	Boring/Well Name		g C-6
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<b>/</b> B	LAN	K CA	SING			tem Auger (LAR)	FROM	TO	)	FT	Project Number ELEVATION		TOTAL DEPTH
P	BRFC		ED CA	C Sche	edule 4	40	FROM	+1	<u> </u>	61 FT	Not Surveyed DATE STARTED	<u>d</u>	86 ft. DATE COMPLETED
1		2	2" PV		dule 4	40, 0.010" slot	FROM	60 TO	<del></del>	80 FT	6/30/98 DEPTH TO WATER		6/30/98
ı	BAL			tar 2/1			FROM	_58		86 FT	66.0 ft.		•
		I	Envir	oplug ľ	<b>Mediu</b>	m Bentonite Chips	l :	55.5		58	M. Balderma	ın/ J. Knig	tht
G	ROU		No Gi	out (T	empoi	rary Well)	FROM	TO	)	FT			WBLL COMPLETION  SURFACE HOUSING NONE
I		_									2" Split Barrel Sampler 140 lb. Hammer	<b>,</b>	STAND PIPE FT
	Recovered	Collected	APLES	Head Space Reading (mg/L)	Depth (feet)	WELL CONSTRUCTION	ои []	Graphic Log	USCS Log	Munsell Color	SOIL DESCRIP	TION ANI	D DRILLING REMARKS
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<b>X</b>			30 50	0.6	5-				CL	2.5Y 4/4	Fine Sandy CLAY: olive	hrown 30	
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8		<b>*</b>	18 32 50	0.9	30-			-	ML	10YR 5/3	Fine Sandy SILT with C	lay: brown	, 35% fine sand, damp, stiff
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Name TMW-4		ΓMW-4	Boring/Well Name								LES	AMPL	SA	-	
	<del></del>	Boeing C-6		Munsell Color	USCS Log	Graphic Log	N	WELL CONSTRUCTION	Depth (fcet)	_ ,,,,,,	g,	8	P. P.	F	
ber <u>984006.00</u>		984006.00	Project Number  Silty SAND (continued)	Color	Log	Log			80 +	Head Space Reading (mg/L)	M Blog	8	8	Á	)
ontinued)			Silty SAND (continued)						~"					Į.	
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			OCAT Buil	ding 2, I	Patio 3	1 West					Boring/Well Name TMW-5	
	DRIL	LING	COM	PANY t Hazms			DRILLB	R Ruben Lare			Project Name Boeing C-6	
1	DRILI	LING	MBT	HOD (S)			DRILL E	BIT (S) SIZE	w		00400600	-
4	BLAN	ik C	ASINC	j	-	tem Auger (LAR)	FROM	8" TO	0	FT	ELEVATION TOTAL DEPTH	4
	PBRF	ORA	2" P	VC Sch	edule •	40	FROM	+1 TO	5	61.3 FT	Not Surveyed 86 ft.  DATE STARTED DATE COMPLETED	_
ı	2170	AND	2" P	VC Sch	edule	40, 0.010" slot	FROM	61.3		81.3	7/2/98 7/2/98  DEPTH TO WATER	
				estar 2/1				58.9		86	65.0 ft.	ı
ľ	BAL		Envi	roplug	Mediu	m Bentonite Chips	FROM	56.2		58.9	LOGGED BY M. Balderman	
ľ	GROU	JΤ				rary Well)	FROM	TO	)	FT	SAMPLING MBTHODS WELL COMPLETION	
I				21041 (2	CILIJO.	tary treny		•		· - · · · · · · · · · · · · · · · · · ·	2" Split Barrel Sampler, Stand Pipe Ft Stand Pipe Ft	ı
·	1.0	, SĀ	MPLES	T				1				4
ı	Driven Recovered	Collected	25.0	Head Space Reading (mg/L)	Depth (feet)	WELL CONSTRUCTION	DN	Graphic Log	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS	i
ł	ă ĕ	<u>! 8</u>	3 2	동양%론			$\dashv \vdash$	H			Concrete, 6"	-1
2	2222	2	7									-
			7 10	3.2	-				CL	5YR 4/2	-Silty CLAY: dark reddish gray, minor fine sand, damp, medium stiff	1
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ķ	XXXX	8	3.5								<u> </u>	- [
2	ቖ	8	25 50	7.9	5				CL	7.5YR 4/3	Fine Sandy CLAY: brown, 30% fine sand, damp, hard	1
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				İ	]		-					1
k	<b>XX</b>		,,	22.0	10-				SC/	7.5YR 5/2	Fine Sandy CLAY/ Clayey SAND: brown, 50% fine sand, damp dense	$\mathbf{F}$
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Š	▓		20 50	28.0	20-				CL	7.5YR 5/2	Fine Sandy CLAY: brown, 35% fine sand, damp, hard	1
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k		8	20	0.0	30-						<u> </u>	1
B	₩		20 25 45	90	"				SP	5GY 6/1 10YR 5/6	Fine SAND with minor Silt: mottled gray and yellowish brown, trace of fine mica, damp, dense	1
											- unio in thou, dump, dome	-
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-	SA T	MPL	ES				-		ı	Boring/Well Name TMW-5
	ered	g	n-	, <b>8</b> ~	Depth (feet)	WELL CONSTRUCTION	Graphic Log	USCS Log	Munsell Color	Project Name Boeing C-6
À	Reco	3	Blow per 6	Head Space Reading (mg/L)	-35=	WEEL CONSTRUCTION	Lòg	Log	Color	Project Number <u>984006.00</u>
- 8888		***	23 50	112	40 -	No Grout			10YR 7/6	Fine SAND with Minor Silt (continued)
-					45 -	Blank Casing	=			
	***	⋘	20 50	160	50 - - - - - -	Diank Casing		SC CL	7.5YR 5/4 2.5Y 5/3	Fine Clayey SAND: brown, increasing clay  - Silty CLAY: light olive brown, minor fine sand, damp, hard
					60 -	Bentonite Seal  Sand Filter  Screened Casing				
		<b>XX</b>	20 50 5 20 38	250	70 -	Depth to Water	- 1	SM	2.5Y 5/3	Fine Silty SAND:light olive brown, 80% sand, trace of fine mica, wet, dense water at 65'
)					75 - 80 -	Bottom of Screen				

_	W	el		Co	nstr	uct	ion Log				Kennedy/Jenks Consultants
		SAI	MPLI	E\$							Boring/Well Name TMW-5
		'n									Project Name Boeing C-6
V	nven	ecover.	ollected	lows re-	Head Space Reading (mg/L)	Depth (feet)	WELL CONSTRUCTION	Graphic Log	USCS Log	Munsell Calor	
)		~	٦	A A	HONE	- 80	Bottom of Screen	13.1	-		Project Number984006.00  Pine Silty SAND (continued)
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						85 -	Bottom of Well				
							Down of West	1.1.1.			
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											Boring Terminated at 86 feet.
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L			OCAT Build	ling 2, I	Patio 3	31 East					Boring/Well Name TMV	V-6
D	RILL		COMI	PANY Hazma	af		DRILLBR Ru	ben Lar	pe			ng C-6
D	RILL	JNG	METH	IOD (S)		Stem Auger (LAR)	DRILL BIT (S	S) SIZE	<b>d</b>		Project Number 9840	
B	LAN	K C	asing				FROM	T	0	FT	BLEVATION	TOTAL DEPTH
PI	ERFC	ORA	TED C	VC Sch ASING			FROM -	+1 To	<del></del>	61.2 FT	Not Surveyed DATE STARTED	86 ft. DATE COMPLETED
SI	ZE A	ND	2" P'	VC Sch Of filte	edule	40, 0.010" slot	FROM 6	1.2	<u></u>	81.2 FT	7/1/98 DEPTH TO WATER	7/1/98
L	SAL			star 2/1				9.1 To		86	65.5 ft.	
			Envi	roplug l	Mediu	un Bentonite Chips	5	6.5		<b>7 59.1 59.1 59.1 59.1 6 1 1 1 1 1 1 1 1 1 1</b>	LOGGED BY M. Balderman	
G	ROU		No G	rout (T	'empo	rary Well)	FROM	TO	)	FT	SAMPLING METHODS	WELL COMPLETION  SURFACE HOUSING NONE
		_									2" Split Barrel Sampler, 140 lb. Hammer	STAND PIPE FT
F	18		MPLES		Depth		···	Graphic	TIBCS	Muncall		
Driver 1	Recover	Sollecte	3lows	Head Space Reading (mg/L)	Depth (feet)	WELL CONSTRUCTION	м	Graphic Log	USCS Log	Munsell Color	SOIL DESCRIPTION AN	ID DRILLING REMARKS
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×	▓		8	200					CL	7.5YR 3/2	-Fine Sandy CLAY: dark brown, 30	J% tine sand, wet, medium stiff -
X		3	7	2900	5-					L — — — -		
×		×	7 22 24						SC	7.5YR 4/4	Fine Clayey SAND: brown, 60% f	ine sand, moist, dense
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***	₩	X	17	0	20				sc	10YR 4/4	Fine Clayey SAND: dark yellowish	n brown, 55% sand, damp, dense
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ŀ						No Grout					-	_
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***	₩		31 33 50	4.3	30-			TV)	SC	7.5YR 5/3	Fine Clayey/Silty SAND: brown, 7	00% and trace of E
××	***	XX	50		-				SM	1.51K3/3	-dense	ove sand, dace of tine mica, damp,
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ŀ	s	AMPL	es	· · · · · ·						Boring/Well Name TMW-6
	T	8			Depth		Grachie	tiece	<b>L</b> immi álli	Project Name Boeing C-6
1	Recove	Sellect	Blows Per 6"	Head Space Reading (mg/L)	Depth (feet)	WELL CONSTRUCTION	Graphic Log	USCS Log	Munsell Color	
7	1	十			-35-		NOT:			Project Number984006.00  Fine Clayey/Silty SAND (continued)
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8	888	8	Ц	2.9	40		<b>XX</b>			
×			11 14 22	2.7	40 -			SM	10YR 5/6	Fine Silty SAND: yellowish brown, 75% fine sand, trace of fine mica,
I	T									- damp, dense
						No Grout				
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×			22 50 25 50	0	65 -	Depth to Water		ML	2.5 <u>Y</u> .5/2	Clayey SILT: grayish brown, 30% fine sand, moist, hard, grading to gray.
8	888	1	25 50		-			SM	5Y 4/2	sand at 65' - Fine Silty SAND: olive gray, 85% sand, trace of fine mica, wet, dense water at 65.5'
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	P. Fig.	Scied	g,	_ <b></b>	Depth (feet)	WELL CONSTRUCTION	Graphic Log	USCS Log	Munsell Color	Project Name Boeing C-6
Å	Rea	S	Blow	Head Space Reading (mg/L)	80 -		Log	Log	Color	Project Number 984006.00  Fine Silty SAND (continued)
-										Fine Silty SAND (continued)
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Well Construction Log

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<u></u>	211 [ ]	NG (	Outsi COMP	de the S	Southe	east Corner of Buildin	DRILLBR				Boring/Well Name IN	
1			West	Hazma	t		R	luben Lar	es		Project Name Bo	eing C-6
}		(	CME	OD (S) <b>75, Ho</b>	llow S	tem Auger (LAR)	DRILL BIT	**				1006.00
В	ÄNK		SING	'C Scho	dule (	10	FROM	+1	0	FT 64	ELEVATION Not Surveyed	TOTAL DEPTH 89.5 ft.
Pl	RFO	RAT	ED CA	SING			FROM	T	Ö	FT	DATE STARTED	DATE COMPLETED
SI	ZB A	ND 1	ГҮРВ (	OF FILTE	R PACK		FROM	64 T	0	84 FT	6/29/98 DEPTH TO WATER	6/29/98
SI	AL	I	ones	tar 2/1	2 San	d	FROM	62 T	0	_89.5 FT	66 ft.	
1	ROUT	E	Envir	oplug !	<u> Aediu</u>	m Bentonite Chips	FROM	.56 T		62	M. Baiderman SAMPLING METHODS	NID COLUMN TO THE COLUMN TO TH
_	KUUI		to G	rout (T	empoi	ary Well)	FROM	. 1'	· · · · · ·			WELL COMPLETION  SURFACE HOUSING NONE
ı											2" Split Barrel Sampler, 140 lb. Hammer	STAND PIPE FT
F	ş		(PLES		Depth			Grapiuc	USCS	Munsell	GOV PEGGDIPTION	AND DRIVEN DIG DELLE
į	Recovered	ollecte	slows er 6"	Head Space Reading (mg/L)	Depth (feel)	WELL CONSTRUCTION	МС	Log	USCS Log	Munsell Color	SOIL DESCRIPTION	AND DRILLING REMARKS
	-	Ĭ	m A.	TOKE		<del></del>	$\top$	11111			Asphalt, 3"	
X	₩		5	0.0	-							
×		<b>XX</b>	5	2.3					CL	7.5YR 4/2	-Silty CLAY: brown, minor fine	sand, damp, soft -
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X	     		12	_	_						[ _ <del></del>	
8	₩	XX	12 50	0.7	5 7				ML	7.5YR 4/4	Clayey SILT: brown, 20% fine	sand, damp, stiff
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X			12							<del></del>	[	
8	₩	XX	30 42	0.4	10-				CL	2.5Y 5/3	Silty CLAY: light olive brown,	minor fine sand and carbonate, damp,
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×	₩	XX	13 10 15	0.5				1 <u>1</u>	ML	2.5Y 4/3	Clayey SILT: olive brown, min- carbonate, damp, medium stiff	or fine sand, trace of fine mica and
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Ž	<b>***</b>		14	1.3	30-				<u> </u>	·		
×	₩	XX	14 12 20	ر.،	-				ML	2.5Y 5/4	Clayey SILT: light olive brown, -3/8", damp, stiff	, minor fine sand, carbonate nodules to
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ř					11501	ucu	ion Log				Kennedy/Jenks Consultants
į	T.	SAMI	T		Head Space Reading (mg/L)	Depth (feet)	WELL CONSTRUCTION	Graphic Log	USCS Log	Muasell Color	Boring/Well Name TMW-7 Project Name Boeing C-6
	1	2   5	3 8	i R	# 22 % E	-80 <b>-</b>	Bottom of Screen				Project Number984006.00  Fine Sandy SILT/ Silty SAND (continued)
						85 <b>-</b>					
						90 - - -	Bottom of Well				Boring Terminated at 89.5 feet.
						95 -	-				-
						100-	-	-			
						105-	-				- -
						110-	-				
•						115-	-				-
			}			120-					- - - -
-						125	-				

BORING	LOC	ATION		ion Log							u o
DRILLII	Ou NG CO	<u>tside and</u> MPANY	East	of Building 1	DRILLER		<u> </u>	· · · · · ·		Boring/Well Name TMV	
DRILLI	W ON ME	est Hazma THOD (S)	ıt		DRILL BIT	tuben Lar (S) SIZE	es				ng C-6
BLANK	CN	1E 75, Ho	llow S	Stem Auger	FROM 8	"	o		7T	Project Number 9840	
	2"	PVC Sch	edule	40		+1		61		Not Surveyed	TOTAL DEPTH  86 ft.
	2"	CASING PVC Sch	edule -	40, 0.010" slot	FROM	61	0	81		DATE STARTED 6/29/98	DATE COMPLETED 6/29/98
		PE OF FILTE nestar 2/1			FROM	59	O.	85,5	.j	DEPTH TO WATER  66.4 ft.	
SBAL				m Bentonite Chips	FROM	1	o	F		LOGGED BY	
GROUT					FROM	55.8 T	o	<u>59</u>	T	M. Balderman SAMPLING METHODS	WELL COMPLETION
	No	Grout (1	empo	rary Well)			·-· ·			2" Split Barrel Sampler, 140 lb. Hammer	SURFACE HOUSING NONE  STAND PIPE  FT
	SAMPL						T -			140 ib. Hammer	
Driven Recovered	Collected	per 6" Head Space Reading (mg/L)	Depth (feet)	WELL CONSTRUCTION	И	Graphic Log	USCS Log	Munsell Color			D DRILLING REMARKS
20x00	6	-	-				1110			Asphalt, 3"	
	— 3 ≪ 3	o i	-	·			CL	7.5YR	4/3	-Silty CLAY with minor Fine Sand	: brown, local fine to coarse sand -
										partings, damp, stiff	-
- XX			-							-	<b>-</b>
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										-	]
<b>***</b>	2 83 5	7	10-					7 CVD	,,,	·	
1			-				CL	7.5YR 4	4/4	brown, hard	-
<b>1</b> -			-						ŀ		-
			-							-	-
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			15-						ł	•	-
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<b>***</b>	8		20-				-		[		
	$\mathbb{X} \stackrel{Z}{\underset{Z}{\boxtimes}}$	0	"				ML	2.5Y 4	/3	Clayey SILT: olive brown, 20% fir	e sand, damp, stiff
									- 1		
										-	
			-						-		
			25-			-			- }		4
			-								
				No Grout —	$\bot \Box$				ł		-
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XXXXX	1,								I		1
	7 XX 1	4	30						t	scattered carbonate nodules to 1/4"	1
	7	_	]						Ī		1
)											1
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			35-			1411111					]
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		11011	uct	ion Log		<b></b>	<del>,</del>	Kennedy/Jenks Consultants
SAME	PLES	<del></del>						Boring/Well Name TMW-8
overed of	, s	Head Space Reading (mg/L)	Depth (feet)	WELL CONSTRUCTION	Graphic Log	USCS Log	Munsell Color	Project Name Boeing C-6
\$ 2 3	a k	5 2 2 E	-35-	<u> </u>	~~°			Project Number984006.00 Sandy SILT (continued)
	12 20 30		40 -	No Grout		ML	2.5Y 5/3	Fine Sandy SILT: light olive brown, minor clay, 30% fine sand, damp, dense
	13 22 33		50 -	Blank Casing		SM	2.5Y 5/4	Fine Silty SAND: light olive brown, 70% sand, trace of fine mica, damp, dense
			55 -	Bentonite Scal  Sand Filter  Screened Casing				
	15 34 45 18 23 50		65 -	Depth to Water			2.5Y 4/4	olive brown, moist to wet  water at 66' interbedded clayey silt from 66.5 to 67.5, then silty sand as above
			75 -	Bottom of Screen				
					Rottom of Screen	Rottom of Screen	Rottom of Sarsan	Rottom of Screen

ſ	_	MPL	_			on Dog		T		Territory of the second surface of the secon
ľ	T									Boring/Well Name TMW-8
	S A	Bected	.6"	Head Space Reading (mg/L)	Depth (feet)	WBLL CONSTRUCTION	Graphic Log	USCS Log	Munsell Color	Project Name Boeing C-6
F	ž	ਲ	Per Br	품작품 교	-80 -		10.30.00			Project Number 984006.00  Fine Silty SAND (continued)
ŀ		١,			-					Fine Silty SAND (continued)
ŀ		l			-	Bottom of Screen				-
ŀ					-		###			-
ŀ					-	(4444). (4444).				-
Ŀ	$\perp$				85 -	Bottom of Well				-
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ľ					. 1	-				Boring Terminated at 85.5 feet.
İ						-	1			Bornig Terminated at 63.3 (cet.
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BORIN	G LOCAT			ion Log						Kennedy/Jenks Consultants
	Bull	ding 1			Inc.					Boring/Well Name TMW-9
	NG COM Wes	t Hazma	at		DRILLE	Rub	en Lai	res .		Project Name Boeing C-6
DRILLI	NG MET	HOD (S)		Stem Auger	DRILL	BIT (S)	SIZE			Project Number 984006.00
BLANK	CASING	ì			FROM			ro	FT	BLEVATION TOTAL DEPTH
PERFO	RATED C				FROM	+1	1	ro	61 FT	Not Surveyed 86 ft.  DATE STARTED DATE COMPLETED
SIZE AN	2" P	VC Sch	edule	40, 0.010" slot	FROM	61	-	ro	81 FT	6/30/98 6/30/98  DEPTH TO WATER
SEAL		estar 2/1				59	)		86	66 ft.
<u> </u>	Envi	roplug i	<u>Medi</u> u	ım Bentonite Chips	FROM	56.	5	ro	FT 59	LOGGED BY  J. Knight
GROUT	•			rary Well)	FROM		1	Ю	FT	J. Knight SAMPLING METHODS WELL COMPLETION
	710	,, out (1	Citifo	rary weny						2" Split Barrel Sampler, STAND PIPE STAND PIPE FT
	SAMPLES				<u></u>			Т		140 ID. Manimer
Driven Recovered	Collected Blows per 6	Head Space Reading (mg/L)	Depth (feet)	WELL CONSTRUCTION	)и	]	Graphic Log	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
2004000	12		_					1		Concrete, 8"
	₩ 14 21	52.0	-					ML	10YR 4/6	Clayey SILT: dark yellowish brown, trace of fine sand, slightly moist, very stiff
-	₩ 12 22 40	86.0	5-			1 1		CL	10YR 3/6	Silty CLAY: dark yellowish brown, some fine sandy lenses, slightly -moist, hard
- - - - -	27 30 30 30	85.7	10-			- -			10YR 5/4	
	-		15-			 				- - - -
-	₩ 12 17 23	48.2	20-	-		-		ML	 2.5Y 5/4	Clayey SILT: light olive brown, trace of fine sand, dry, very stiff
1			25-	No Grout	<del></del>					
	21 28 50	51.4	30-			-		ML	2.5Y 5/6	Sandy SILT: light olive brown, fine sand, sligtly moist, hard
			35-			-				· -

Bottom of Screen

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ŀ	7	SAMPI	.es	<u> </u>					1	Boring/Well Name TMW-9
		F   F	۱.	_ <b></b>	Dopih (feet)	WBLL CONSTRUCTION	Grapt	ic USC	S Munsell Color	Project Name Boeing C-6
)	Ě	3	Blow	Head Space Reading (mg/L)	·80 -	WEED CONSTRUCTION	Lóg	Log	Color	1
					_					Project Number984006.00 SAND with Silt (continued)
J.					_			]:		
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ŀ					-		1			Boring Terminated at 86 feet.
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